


Substitute PTO/SB/08A (08-03)  
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| Substitute for form 1449A/PTO<br>(Modified)<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                   |
|  |   |    |   | Application Number       | 08/977,644        |
|  |   |    |   | Filing Date              | November 24, 1997 |
|  |   |    |   | First Named Inventor     | EMERSON, Ralph.   |
|  |   |    |   | Art Unit                 | 1616              |
|  |   |    |   | Examiner Name            | LEVY, Neil        |
| Sheet  | 1 | of | 1 | Attorney Docket Number   | RE-70631/DJB/DJM  |

| U.S. PATENT DOCUMENTS |                       |  |                             |   |   |
|-----------------------|-----------------------|--|-----------------------------|---|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number Number-Kind Code <sup>2</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| M                     | A1                    | 5,149,715  | 9/92                        | Armstrong et al.                                |   |
| M                     | A2                    | 5,202,247  | 4/93                        | Kilburn   |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                             |   |   |                |
|--------------------------|-----------------------|---|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>5</sup> |
|                          | B1                    |   |                             |   |   |                |
|                          | B2                    |   |                             |   |   |                |
|                          | B3                    |   |                             |   |   |                |

| NON PATENT LITERATURE DOCUMENTS |                       |   |  |                |
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| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  | T <sup>5</sup> |
|                                 | C1                    |   |  |                |
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|                                 | C3                    |   |  |                |
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|                                 | C5                    |   |  |                |

|                    |   |                 |         |
|--------------------|---|-----------------|---------|
| Examiner Signature |  | Date Considered | 9/16/05 |
|--------------------|---|-----------------|---------|

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Sheet 1 of 4

In reissue application of: Ralph Emerson and  
Bradford Crandall, Jr.

Art Unit: Not Yet Assigned

Serial No. 08/977,644

Examiner: Not Yet Assigned

Filed: November 24, 1997

## U.S. PATENT DOCUMENTS

| Ref.<br>Desig. | Examiner's<br>Initials | Document<br>Number | Date     | Name                  | Class/<br>Subclass | Filing<br>Date |
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| A2             |                        | 5,340,731          | 8/23/94  | Kilburn <i>et al.</i> |                    | 4/8/92         |
| A3             |                        | 4,193,984          | 3/18/90  | Kydonieus             |                    | 3/23/77        |
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| A5             |                        | 4,477,361          | 10/16/84 | Sperti <i>et al.</i>  |                    | 2/22/83        |
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| A7             |                        | 5,166,317          | 11/24/92 | Wallace <i>et al.</i> |                    | 10/31/88       |
| A8             |                        | 4,402,950          | 9/6/83   | Wolf <i>et al.</i>    |                    | 9/4/80         |

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| B1             | M                      | GB504125           | 5/18/39  | Great Britain |                    |             |
| B2             | M                      | JP1261303          | 10/18/89 | Japan         |                    |             |
| B3             | M                      | FR2529755          | 1/13/84  | France        |                    |             |

Examiner: M. D. LevyDate Considered: 10/26/00

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Examiner:

*Neil Levy*

Date Considered: *10/26/00*

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| Ref.<br>Desig. | Examiner's<br>Initials |   |
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| C2             |                        | Casey & Dobb, <u>Enzyme Microb. Technol.</u> (1992) <u>14</u> :739-747  |
| C3             |                        | Frear, <u>Chemistry of Insecticides and Fungicides</u> (1942) <u>13</u> :184-191  |
| C4             |                        | King, <u>Agriculture Handbook</u> , (1954) 69:1-397(relevant pages attached)  |
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| C6             |                        | Lampman & Metcalf, <u>J.Environ. Entmol.</u> (1987) <u>80</u> :1137-1142  |
| C7             |                        | Lewis <i>et al.</i> (1990) <u>19</u> :8-14  |
| C8             |                        | Matsumoto Microbiology Laboratory, <u>Antimicrobial Test of Avian-M</u> (1982) <u>57-07</u> full<br>cite not available  |
| C9             |                        | Metcalf and Metcalf, "Insect Ecology and Control" in <u>Plant Kairomones</u> , Chapman and<br>Hall (1992), pp. 8, 83, 84, 95, 96 and 157                                      |
| C10            |                        | Metcalf and Metcalf, "Destructive and Useful Insects: Their Habits and Control" in <u>Insect<br/>Control 5<sup>th</sup> Edition</u> , McGraw-Hill, Inc. (1993), pp. 7.58-7.60 |
| C11            |                        | Metcalf and Lampman, <u>J.Econ. Entmol.</u> (1989) <u>82</u> :1620-1625   |
| C12            |                        | Metcalf and Lampman, <u>Experientia</u> (1989) <u>45</u> :240-247   |
| C13            |                        | Metcalf and Lampman, <u>Proc. Natl. Acad. Sci. USA</u> (1991) <u>88</u> :1869-1872  |

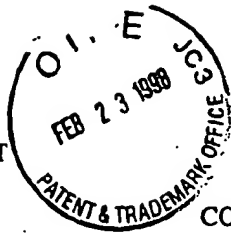
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C14

Yuan *et al.*, Fundamental and Applied Toxicol. (1993) 20:83-87

Examiner:

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